

Abstract

A business process system for transmitting and receiving various pieces of business data by connecting an indefinitely large number of enterprises through a network includes a client terminal possessed by an order source connected to an open network layer, equipped with an application for realizing a peer-to-peer network architecture, and serving as a member participating in the peer-to-peer network, an order reception database connected to a network layer inside an order reception base as a segment isolated from the open network layer, equipped with the application, connecting to the client terminal by a peer-to-peer connection upon execution of the application by the client terminal, recording data sent from the client terminal, and reading data to be sent out of the recorded data, and a node connected to an intermediate network layer at the order reception base serving as a segment isolated from the open network layer and from the inside network layer, collecting and temporally maintaining the data sent from the client terminal or the data read out of the order reception database, and transferring the data to an appropriate destination.